



## AMENDMENT

### In the Claims:

Please replace present claims 1, 13, 15, 19, 27, 28 and 29 with the following clean set of amended claims 1, 13, 15, 19, 27, 28 and 29. A marked-up version of the amended claims 1, 13, 15, 19, 27, 28 and 29 is attached hereto as Exhibit A.

Sub B<sup>1</sup> 1. (Amended) A nude mouse model for human neoplastic disease, wherein said mouse has histologically intact human neoplastic tissue of at least  $1 \text{ mm}^3$  in size transplanted onto an organ of said mouse which corresponds to the human organ from which said tissue is originally obtained; and  
Q<sup>1</sup>  
has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

Sub B<sup>3</sup> 13. (Amended) A nude rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue of at least  $1 \text{ mm}^3$  in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and  
Q<sup>2</sup>  
has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

Sub B<sup>4</sup> 15. (Amended) An immunodeficient rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue of at least  $1 \text{ mm}^3$  in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained, and  
Q<sup>3</sup>  
has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

Q4 19. (Amended) An immunodeficient non-human mammal model for human neoplastic disease, wherein said non-human mammal model has histologically intact human neoplastic tissue of at least 1 mm<sup>3</sup> in size transplanted onto an organ of said non-human mammal which corresponds to the human organ from which said tissue is originally obtained; and has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

sub B7 27. (Amended) A nude rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

Q5 28. (Amended) An immunodeficient rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

29. (Amended) An immunodeficient non-human mammal model for human neoplastic disease, wherein said non-human mammal model has histologically intact human neoplastic tissue transplanted onto an organ of said non-human mammal which corresponds to the human organ from which said tissue is originally obtained; and has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and mimic the progression of the neoplastic disease in the human donor.

Please add the following new claims 30-65.

Q6 30. (New) A nude rodent model according to claim 13 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

31. (New) A nude rodent model according to claim 30 wherein said neoplastic tissue is obtained from human breast tissue.

32. (New) A nude rodent model according to claim 30 wherein said neoplastic tissue is obtained from human ovarian tissue.

33. (New) A nude rodent model according to claim 30 wherein said neoplastic tissue is obtained from human pleural tissue.

34. (New) An immunodeficient rodent model according to claim 15 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

35. (New) An immunodeficient rodent model according to claim 34 wherein said neoplastic tissue is obtained from human breast tissue.

26 36. (New) An immunodeficient rodent model according to claim 34 wherein said neoplastic tissue is obtained from human ovarian tissue.

37. (New) An immunodeficient rodent model according to claim 34 wherein said neoplastic tissue is obtained from human pleural tissue.

38. (New) An immunodeficient non-human mammal model according to claim 19 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

39. (New) An immunodeficient non-human mammal model according to claim 38 wherein said neoplastic tissue is obtained from human breast tissue.

40. (New) An immunodeficient non-human mammal model according to claim 38 wherein said neoplastic tissue is obtained from human ovarian tissue.

41. (New) An immunodeficient non-human mammal model according to claim 38 wherein said neoplastic tissue is obtained from human pleural tissue.

42. (New) The method according to claim 20 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

43. (New) The method according to claim 42 wherein said neoplastic tissue is obtained from human breast tissue.

44. (New) The method according to claim 42 wherein said neoplastic tissue is obtained from human ovarian tissue.

45. (New) The method according to claim 42 wherein said neoplastic tissue is obtained from human pleural tissue.

46. (New) The method according to claim 22 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

47. (New) The method according to claim 46 wherein said neoplastic tissue is obtained from human breast tissue.

48. (New) The method according to claim 46 wherein said neoplastic tissue is obtained from human ovarian tissue.

49. (New) The method according to claim 46 wherein said neoplastic tissue is obtained from human pleural tissue.

50. (New) The method according to claim 26 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

51. (New) The method according to claim 50 wherein said neoplastic tissue is obtained from human breast tissue.

52. (New) The method according to claim 50 wherein said neoplastic tissue is obtained from human ovarian tissue.

53. (New) The method according to claim 50 wherein said neoplastic tissue is obtained from human pleural tissue.

54. (New) A nude rodent model according to claim 27 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

55. (New) A nude rodent model according to claim 54 wherein said neoplastic tissue is obtained from human breast tissue.

56. (New) A nude rodent model according to claim 54 wherein said neoplastic tissue is obtained from human ovarian tissue.

57. (New) A nude rodent model according to claim 54 wherein said neoplastic tissue is obtained from human pleural tissue.

58. (New) An immunodeficient rodent model according to claim 28 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

59. (New) An immunodeficient rodent model according to claim 58 wherein said neoplastic tissue is obtained from human breast tissue.

60. (New) An immunodeficient rodent model according to claim 58 wherein said neoplastic tissue is obtained from human ovarian tissue.

61. (New) An immunodeficient rodent model according to claim 58 wherein said neoplastic tissue is obtained from human pleural tissue.

62. (New) An immunodeficient non-human mammal model according to claim 29 wherein said neoplastic tissue is selected from breast tissue, ovarian tissue or pleural tissue.

63. (New) An immunodeficient non-human mammal model according to claim 62 wherein said neoplastic tissue is obtained from human breast tissue.

64. (New) An immunodeficient non-human mammal model according to claim 62 wherein said neoplastic tissue is obtained from human ovarian tissue.

65. (New) An immunodeficient non-human mammal model according to claim 62 wherein said neoplastic tissue is obtained from human pleural tissue.

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